

L# ANSWER 101 OF 104 CAPLUS COPYRIGHT 2003 ACS on STN  
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TI

.beta.-[2-[2-( \*\*\*Perfluoroalkyl\*\*\*  
)ethylsulfonylamino]ethyl]dimethylammoniopropi  
onates

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SO Ger. Offen., 7 pp.

CODEN: GWXXBX

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|---------------|----|----------|-----------------|----------|
| PI DE 2120868 | A  | 19711118 | DE 1971-2120868 | 19710428 |
| DE 2120868    | C2 | 19840517 |                 |          |
| FR 2088941    | A5 | 19720107 | FR 1970-15836   | 19700430 |
| FR 2128028    | A6 | 19721020 | FR 1971-6914    | 19710301 |
| FR 2128028    | B2 | 19730511 |                 |          |

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AB The title compds.,  $\text{CF}_3(\text{CF}_2)_n\text{CH}_2\text{CH}_2\text{SO}_2\text{NHCH}_2\text{CH}_2\text{N}+\text{Me}_2\text{-CH}_2\text{CH}_2\text{CO-2}$  (I,  $n=5, 7$

or 9), useful as surfactants in e.g. textile industry, were prepd. by  
reaction of  $\text{CF}_3(\text{CF}_2)_n\text{CH}_2\text{CH}_2\text{SO}_2\text{NHCH}_2\text{CH}_2\text{NMe}_2$  (II) with .beta.-propiolactone  
(III). Thus, reaction of 50 g II ( $n=7$ ) with 6 g III in  $\text{Me}_2\text{CO}$  for 1 hr  
gave 49.1 g I ( $n=7$ ).

IC C07C; C11D

DT \*\*\*Patent\*\*\*

LA German

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